



BMF blocking peptide (CDBP5199)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. This protein is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	BMF Bcl2 modifying factor [Homo sapiens (human)]
Official Symbol	BMF
Synonyms	BMF; Bcl2 modifying factor; bcl-2-modifying factor

Entrez Gene ID	90427
mRNA Refseq	NM_001003940
Protein Refseq	NP_001003940
UniProt ID	Q96LC9
Pathway	Activation of BH3-only proteins; Activation of BMF and translocation to mitochondria; Androgen receptor signaling pathway; Apoptosis; Apoptosis Modulation and Signaling; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members; Intrinsic Pathway for Apoptosis; MicroRNAs in cancer
Function	protein binding